

WIRELESS INTERFACE THAT SUPPORTS MULTIPLE REMOTE STATION SETS AND DEVICES

ABSTRACT

5 A wireless communication system for serving a small structure, business or
household. The need for internal standard building interior telephone cable is
avoided by the provision of a plurality of wireless interfaces each of which is
associated with a different phone or station device. A single cell phone and its
associated wireless interface functions an interface to receive incoming calls from a
10 wireless network service provider and to extend each incoming call via the wireless
interfaces to the household phones. Outgoing calls are extended from a calling
station via the wireless interfaces to the cell phone which extends the call to via the
wireless network to the called station. The cell phone monitors each call connection
and ends the call upon the detection of an on-hook signal from either the calling or
15 called station.